

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 02/30883

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F9/445

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 835 761 A (BRUCE NIGEL ET AL) 10 November 1998 (1998-11-10) column 3, line 39 - line 48 column 4, line 48 column 6, line 9 - line 24 column 16, line 22-45 column 17, line 12 - line 43 column 17, line 63 -column 18, line 2 figure 16 --- -/-/	1-5, 8, 13, 15-20, 25, 27-29
Y		6, 7, 9-12, 14, 21-24, 26

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

Date of mailing of the international search report

28 January 2004

05/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 260 156 B1 (GARVIN P KEITH ET AL) 10 July 2001 (2001-07-10) column 2, line 35 - line 37 column 5, line 19 - line 20 column 6, line 5-38 figure 6 ---	6,9,10, 21,22
Y	US 5 150 473 A (ZULCH RICHARD C) 22 September 1992 (1992-09-22) column 5, line 20 - line 24 ---	7,11,12, 14,23, 24,26
A	US 5 404 485 A (BAN AMIR) 4 April 1995 (1995-04-04) column 1, line 8,9 column 3, line 64 -column 4, line 5 ---	6,9,10, 21,22
A	US 5 930 504 A (GABEL DOUGLAS L) 27 July 1999 (1999-07-27) column 2, line 66 - line 67 column 5, line 19 - line 23 ---	6,7, 9-12,14, 22-24,26

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Information on patent family members

International Application No

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